

## Answer to these Arithmetical Puzzles.

In the issue of the Ocala Banner, of December 25, the following puzzle were sent to our local department to offset the "Age of Ann."

"Three Graces, carrying roses, met the Nine Muses. Each of the Graces gave to each of the Muses one-eighth of her roses, and then each of the Muses had twelve roses less than each of the Graces. How many roses did each of the Graces have when they met the nine Muses?"

"Said Robin to Richard: 'If ever I come

To the age you are now, brother mine  
Our ages united, will amount to a sum  
Of years making ninety and nine.'"  
Said Richard: 'That's certain, and if it be fair

For us to look forward so far,  
I shall then be double the age that you were

When I was the age that you are.'"  
The following answer is sent in by

Mr. Chas. P. Haycraft, of Fellowship:  
Each of the Three Graces gave each of the Muses 1-18 of their roses.

As there were 9 Muses, each of the Graces gave 9-18 or one half of their roses. The Graces had only 9-18 or 1/2 their roses left. As there were three Graces, each Muse received 1-18 of the roses from each of the Graces, 3-18 in all, and had 12 roses less than each of the Graces. As the Graces had 9-18 of their roses left, the Muses had 3-18, the fractional difference between 9-18 and 3-18 is 6-18 or 1/3. 12 roses is the number of roses less the Muses had than the Graces. So 1/3 is 12, 3 of the whole number of roses the Graces had when they met the Muses is 3x12 which is 36.

This problem about the brother's ages is an Algebraic problem.

(At time of conversation.)

Let X = older brother's age.

Let Z = younger brother's age.

Let Y = difference in ages.

Also time that must elapse to make 99 years.

$X + Y = 2Z$

$Z + Y = X$

$X + Y + Z + Y = 99$

$X + Z + 2Y = 99$

Substituting  $Z + Y$  for  $X$  we have  $Z + Y + Z + 2Y = 99$ . Reduce  $2Z + 3Y = 99$ .

$3Y = 99 - 2Z$   
 $Y = 99 - 2Z$

$3$

$X + Y + Z + Y = 99$

Substituting  $2Z$  in place of  $X + Y$

We have  $2Z + Z + Y = 99$

Substituting  $99 - 2Z$  for  $Y$  its value

$3$

We have.  
 $3Z + 99 - 2Z = 99$

$3$

Multiplying by 3 to reduce to whole number  $9Z + 99 - 2Z = 297$

$9Z - 2Z = 297 - 99$

$7Z = 198$

$Z = 28 \frac{2}{7}$  years ago

$Y = 99 - 2Z$

$3$

$Y = 99 - 56 \frac{4}{7}$

$8$

$Y = 42 \frac{3}{7}$  99

$3$  56  $\frac{4}{7}$

$Y = 14 \frac{1}{7}$  yrs 42  $\frac{3}{7}$

$Z + Y = X$

$28 \frac{2}{7} + 14 \frac{1}{7} = X = 42 \frac{3}{7}$  years. Older

brother's age at the time of conversation 28  $\frac{2}{7}$  years + 14  $\frac{1}{7}$  years = 42

3-7 years. The age the younger brother

must be to make both their ages 99.

42  $\frac{3}{7}$  years + 14  $\frac{1}{7}$  years 56  $\frac{4}{7}$  older

brother's age to make 99. 56  $\frac{4}{7}$  years

is twice 28  $\frac{2}{7}$ . The younger brother's

age 56  $\frac{4}{7}$  years + 42  $\frac{3}{7}$  years makes

99 years.

The first problem is very easy, the

second requires a great deal more

thought and work.

To put the brake on the wagon

going down hill is a help to the horse,

when the wagon is heavily loaded.

But what driver would think of ap-

plying the brake to a loaded wagon

going up hill? If he did his sensible

horse would probably balk. Many a

man is in the condition of pulling a

load up hill with the brake set against

him. When his stomach is out of

order, and the allied organs of diges-

tion and nutrition impaired in their

functions, a friction is set up which

has to be overcome in addition to the

performance of daily duties. A fog

stomach makes a foggy brain, and

the man with a disordered stomach

has often to grope his way through

the day's like a man in a fog. He

forgets appointments. Problems

seem presented to his mind "wrong

end to". This condition is entirely

remedied by the use of Dr. Pierce's

Golden Medical Discovery. It puts

the stomach and digestive and nutri-

tive system into a condition of perfect

health, and gives a clear brain, a

steady hand and a light step for the

day's duties. When constipation

clogs the channels of the body, Dr.

Pierce's Pleasant Pellets will work a

effective cure of that disastrous dis-

ease.

## An Instance of Growth.

It is a pleasure, in this day of industrial combinations, to note an instance where an independent concern has attained to mammoth proportions, and has grown steadily but surely for years from a small beginning into the fullness of the present time. Such an institution is cited in the seed business of D. M. Ferry & Co., which for nearly half a century has gone forward each year, constantly adding new customers and retaining its old ones, until it is today the source of seed supply from which the great crops of this country spring. Thousands of farmers, gardeners and flower growers look to them year after year for the seeds from which the prosperity of their fields and gardens is to grow, and the fact that they are never disappointed in Ferry's seeds is the secret of the wonderful expansion of this firm. You can buy their seeds in every city, town or hamlet of this land, and you are always certain that they are fresh, true to name and sure to grow. Their 1904 seed Annual, a valuable guide in the selection of the proper seeds to plant, will be sent free to all readers of the Banner who apply to D. M. Ferry & Co., Detroit, Mich.

## Don't Worry.

This is easier said than done, yet it may be of some help to consider the matter. If the cause is something over which you have no control it is obvious that worrying will not help the matter in the least. On the other hand, if within your control, you have only to act. When you have a cold and fear an attack of pneumonia, buy a bottle of Chamberlain's Cough Remedy and use it judiciously and all cause for worry as to the outcome will quickly disappear. There is no danger of pneumonia when it is used. For sale by Anti-Monopoly Drug Store.

## In Praise of Longstreet.

With the burial of Gen. James Longstreet, says the Savannah Morning News, there passes from view one of the last of the great figures of the Southern Confederacy. During some years there has centered about him considerable controversy, but in the midst of it all his ability and his patriotism have not been questioned. He may have made errors, as all humans do, but he was a born soldier and a great general. As a line of battle commander history will give him rank with the foremost in the profession of arms. There are many of his earnest admirers who think that, next to Lee, he was the ablest commander of Confederate troops, and there is much to justify that opinion. His genius differed from that of the brilliant and daring Jackson, but it was no less genius; and his country will remember him gratefully. Whatever of bitterness may have been aroused by the controversies concerning him will stop at the brink of the grave, and James Longstreet will be remembered as the great American soldier that he undoubtedly was.

## Deafness Cannot be Cured

by local applications, as they cannot reach the diseased portions of the ear. There is only one way to cure deafness, and that is by constitutional remedies. Deafness is caused by an inflamed condition of the mucous lining of the Eustachian Tube. When this tube is inflamed you have a rumbling sound or imperfect hearing, and when it is entirely closed, Deafness is the result, and unless the inflammation can be taken out and this tube restored to its normal condition, hearing will be destroyed forever; nine cases out of ten are caused by Catarrh which is nothing but an inflamed condition of the mucous surfaces.

We will give One Hundred Dollars for any case of Deafness (caused by catarrh) that cannot be cured by Hall's Catarrh Cure. Send for circulars; free.

F. J. CHENEY & Co., Toledo, O.  
Sold by Druggists, 75c.  
Hall's Family Pills are the best.

## Wet and Dry Counties.

The following counties in Florida are dry, viz: Alachua, Baker, Calhoun, Citrus, DeSoto, Hamilton, Hernando, Holmes, Jackson, Jefferson, Lee, Lafayette, Lake, Levy, Liberty, Manatee, Pasco, Polk, Sumter, Suwannee, Taylor, Volusia, Waukulla, Walton and Washington, in all 26.

The balance are wet.

WANTED—To buy velvet beans, peanuts and country oats. Ocala Seed Store. 124 tf

## Over-Work Weakens Your Kidneys.

Unhealthy Kidneys Make Impure Blood.

All the blood in your body passes through your kidneys once every three minutes.

The kidneys are your blood purifiers, they filter out the waste or impurities in the blood. If they are sick or out of order, they fail to do their work.

Pains, aches and rheumatism come from excess of uric acid in the blood, due to neglected kidney trouble.

Kidney trouble causes quick or unsteady heart beats, and makes one feel as though they had heart trouble, because the heart is over-working in pumping thick, kidney-poisoned blood through veins and arteries.

It used to be considered that only urinary troubles were to be traced to the kidneys, but now modern science proves that nearly all constitutional diseases have their beginning in kidney trouble.

If you are sick you can make no mistake by first doctoring your kidneys. The mild and the extraordinary effect of Dr. Kilmer's Swamp-Root, the great kidney remedy is soon realized. It stands the highest for its wonderful cures of the most distressing cases and is sold on its merits by all druggists in fifty-cent and one-dollar sizes.

You may have a sample bottle by mail. Home of Swamp-Root, free, also pamphlet telling you how to find out if you have kidney or bladder trouble. Mention this paper when writing Dr. Kilmer & Co., Binghamton, N. Y.

Bring on Coughs, Colds, Grippe and other troubles that can only be promptly nipped in the bud by using

## Holiday Exposures

Bring on Coughs, Colds, Grippe and other troubles that can only be promptly nipped in the bud by using

## TROPICAL PINE-APPLE TAR AND WINE

The Great Florida Remedy, backed by more than a million dollars of Florida capital. Look at the names of the gentlemen who compose this company and see if this is not a sufficient guarantee of merit.

Wm. S. Jordan, Pres., Banker and Capitalist  
Chas. Blum, Vice Pres., Wholesale Merchant  
J. J. Williams, 2d Vice-Pres., Commercial Salesman  
B. W. Sperry, Treasurer, Prop. Duval Hotel  
Thos. A. Davis, Sec'y and Mgr., Publisher  
D. H. McMillan, Vice-Pres., Consolidated Navy Stores Co.  
W. C. Yeiser, Pres. The Metto Co.  
E. E. West, Capitalist and Lumber Manufacturer  
L. A. Fraleigh, Cashier Bank of Madison  
T. C. Smith, Asst. Cashier Bank of Madison  
A. H. West, Capitalist and Real Estate Dealer  
Geo. T. Hodgeson, General Southern Agent N. Y. Life Ins. Co.  
D. P. Smith, Tax Collector Volusia Co.  
H. H. McCreary, Editor Daily Gainesville Sun  
D. E. Thompson, General Manager St. Augustine Daily Record  
Wm. J. Bryan, County Solicitor, Duval Co.  
Wm. A. Evans.

Try a bottle and if not pleased write the company or any one of the above gentlemen and get your money back. Made only by Trop. Mfg. Co., and sold by all druggists.

## Professional.

T. E. BIGGS,  
ATTORNEY-AT-LAW.  
(Office in Gary-Agnew Block.)  
OCALA, FLORIDA.

R. D. FULLER,  
DENTIST.  
Over Munroe & Chambliss Bank, Ocala, Fla.

J. M. THOMPSON,  
PHYSICIAN AND SURGEON.  
Office over Tea-pot Grocery, Opp. Montezuma.  
OCALA, FLA.

EDWIN SPENCER,  
ATTORNEY-AT-LAW,  
OCALA, FLA. 7-8 y\*

J. E. CHASE,  
DENTIST,  
OCALA, FLA.

CARLOS L. SISTRUNK,  
ATTORNEY-AT-LAW.  
Room 4, Masonic Building, Ocala, Fla. 5 28 1

DR. E. T. ALLEN, MD.  
Eye and Ear Specialist

In Ocala Every  
THURSDAY,  
MONTEZUMA HOTEL.

"HIGHEST QUALITY IS OUR MOTTO."

## MARION HARDWARE COMPANY

HEADQUARTERS FOR

ELLWOOD ALL STEEL WOVEN FIELD FENCE,  
POULTRY, RABBIT AND LAWN FENCE.

Absolute efficiency at least expense. 50 INCH  
A practical fence that will  
positively turn cattle.  
40 INCH  
horses, hogs and  
30 INCH  
pigs. A fence which  
is strong,  
practically ever-  
lasting, proven  
thoroughly effi-  
cient under  
every possible  
condition. EVERY ROD OF ELLWOOD FENCE IS GUARANTEED.

If you want your fencing problems satisfactorily solved, call and see the ELLWOOD FENCE and let us show you for how little money you can get absolute satisfaction.

We are Ocala Agents for

## "FAVORITE" STOVES &amp; RANGES

The Marion Hardware Company,  
OCALA, FLORIDA.

## THE CABLE COMPANY.

One of the Largest and Most Substantial in the  
United States

This Company Manufactures  
and Sells Direct the

Conover Cable Kingsbury  
Schubert Wellington

## PIANOS!

Fifty Pianos on floor to select from at all times,  
send us your order we pay all expenses and  
guarantee satisfaction.

J. A. JORDAN, Manager  
Tampa Branch.

1113 Franklin St

Tampa, Florida